



<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/676,900	
	Filing Date	September 30, 2003	
	First Named Inventor	Carlos Pazos	
	Art Unit	2661	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	3	Attorney Docket Number	109822-000096

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO-1449 11 Cited References Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual name	Troy M. Schmelzer Procopio, Cory, Hargreaves & Savitch LLP
Signature	
Date	3/24/04

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Marcelle A. Oyos		
Signature		Date	3-24-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Patent  
PCHS Matter No. 109822-96  
02CXT0079D

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:	)	
	)	<b>Group Art Unit: 2661</b>
<b>Carlos Pazos</b>	)	
	)	
<b>Serial No. 10/676,900</b>	)	<b>Examiner: To be assigned</b>
	)	
<b>Filed: September 30, 2003</b>	)	
	)	
<b>For: TCP ACCELERATION SYSTEM</b>	)	
	)	
	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

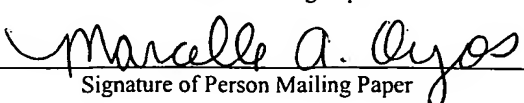
Sir :

In accordance with 37 CFR Sections 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449. With reference to the Pre-Official Gazette Notice by the Office of Patent Legal Administration, this application is being filed after June 30, 2003, therefore copies of cited U.S. patents and patent application publications are not submitted.

**CERTIFICATE OF MAILING**  
(37 C.F.R. § 1.8)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'First Class Mail' in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

\_\_\_\_\_  
**March 24, 2004**  
Date of Deposit

\_\_\_\_\_  
Marcelle A. Oyos  
Name of Person Mailing Paper  
  
Signature of Person Mailing Paper

The items identified in this IDS may or may not be "material" pursuant to 37 CFR 1.56. The submission thereof by Applicants is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR 1.97(h)), or even qualifies as "prior art" under 35 USC 102 with respect to this invention unless specifically designated by Applicant as such.

#### **FILING PROVISION**


This IDS is believed to be timely and is submitted under 37 CFR 1.97(b)(3) before the mailing of a first Office Action on the merits. However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c).

#### **PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:**

No fees are required with this filing under 37 CFR 1.97(b)(3), however, if applicant is incorrect in this regard or if the filing is accepted under 37 CFR 1.97(c), the Commissioner is hereby authorized to charge any fees required by the filing of these papers to Procopio's Deposit Account No. 50-2075.

Respectfully submitted,

Dated: 3/21/04

By:   
Troy M. Schmelzer  
Reg. No. 36,667

Procopio, Cory, Hargreaves & Savitch LLP  
530 B Street, Suite 2100  
San Diego, California 92101  
(619) 238-1900

109822-96

10/676,900

APPLICANT:

Carlos Pazos

FILING DATE:

September 30,  
2003

GROUP:

2661

# LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date/ Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code			
	AA	5,793,768	08-11-1998	Keshav	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date/Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	AB	BALAKRISHNAN et al.; "TCP Performance Implications of Network Path Asymmetry"; Network Working Group Request for Comments: 3449; December 2002; pp. 1-41	
	AC	BORDER et al.; "Performance Enhancing Proxies Intended to Mitigate Link-Related Degradations"; Network Working Group Request for Comments: 3135; June 2001; pp. 1-45	
	AD	ALLMAN et al.; "TCP Congestion Control"; Network Working Group Request for Comments: 2581; April 1999; pp. 1-14	
	AE	BALAKRISHNAN et al.; "The Effects of Asymmetry on TCP Performance"; ACM Mobile Networks and Applications (MONET); Vol. 4, No. 3; 1999; pp. 219-241	
	AF	FAIRHURST et al.; "Performance Issues in Asymmetric TCP Service Provision using Broadband Satellite"; IEE Proceedings on Communication; April 2001; Vol. 148, No. 2; pp. 95-99	
	AG	SAMARAWEEERA; "Return Link Optimization for Internet Service Provision Using DVB-S Networks"; ACM Computer Communications Review (CCR); Vol. 29, No. 3; 1999; pp. 4-19	
	AH	BALAKRISHNAN et al.; "The Effects of Asymmetry on TCP Performance"; Proc. 3 <sup>rd</sup> ACM/IEEE Intl. Conference on Mobile Computing and Networking (MobiCom); Budapest, Hungary; September 1997; pp. 1-13	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Please initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. Thank you.

<sup>1</sup>Applicant is to place a check mark here if English language translation is attached.

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <b>(Use several sheets if necessary)</b>	<b>ATTY. DOCKET NO.</b> 109822-96	<b>SERIAL NO.</b> 10/676,900
	<b>APPLICANT:</b> Carlos Pazos	
	<b>FILING DATE:</b> September 30, 2003	<b>GROUP:</b> 2661

	AI	DURST et al.; "TCP Extensions for Space Communications"; ACM/IEEE Mobile Communications Conference (MobiCom); New York, USA; November 1996; pp. 15-26	
	AJ	AUGE et al.; "Window Prediction Mechanism for Improving TCP in Wireless Asymmetric Links"; IEEE; 1998; pp. 533-538	
	AK	SAMARAWEERA, et al.; "High Speed Internet Access Using Satellite-Based DVB Networks"; Proc. IEEE International Networks Conference (INC98); Plymouth, UK; 1998; pp. 23-28	
	AL	MING-CHIT et al.; "Improving TCP Performance Over Asymmetric Networks"; ACM SIGCOMM, ACM Computer Communications Review (CCR); Vol. 30, No. 3; 2000	

<b>EXAMINER:</b>	<b>DATE CONSIDERED:</b>
<p>EXAMINER: Please initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. Thank you.</p> <p><sup>1</sup>Applicant is to place a check mark here if English language translation is attached.</p>	